# STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES AMENDED REPORT DIVISION OF OIL, GAS AND MINING 1. WELL NAME and NUMBER APPLICATION FOR PERMIT TO DRILL GMBU V-27-8-17 2. TYPE OF WORK 3. FIELD OR WILDCAT MONUMENT BUTTE DRILL NEW WELL REENTER P&A WELL DEEPEN WELL 4. TYPE OF WELL 5. UNIT or COMMUNITIZATION AGREEMENT NAME Oil Well Coalbed Methane Well: NO GMBU (GRRV) 6. NAME OF OPERATOR 7. OPERATOR PHONE NEWFIELD PRODUCTION COMPANY 435 646-4825 8. ADDRESS OF OPERATOR 9. OPERATOR E-MAIL mcrozier@newfield.com Rt 3 Box 3630, Myton, UT, 84052 10. MINERAL LEASE NUMBER 11. MINERAL OWNERSHIP 12. SURFACE OWNERSHIP (FEDERAL, INDIAN, OR STATE) FEDERAL (III) INDIAN 🗐 INDIAN [ STATE FEE 🥌 FEDERAL 📵 STATE UTU-76241 13. NAME OF SURFACE OWNER (if box 12 = 'fee') 14. SURFACE OWNER PHONE (if box 12 = 'fee') 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') 18. INTEND TO COMMINGLE PRODUCTION FROM 19. SLANT 17. INDIAN ALLOTTEE OR TRIBE NAME MULTIPLE FORMATIONS (if box 12 = 'INDIAN') YES (Submit Commingling Application) VERTICAL DIRECTIONAL (III) HORIZONTAL 20. LOCATION OF WELL **FOOTAGES** QTR-QTR SECTION TOWNSHIP RANGE **MERIDIAN** LOCATION AT SURFACE 516 FNL 714 FEL NENE 34 8.0 S 17.0 E S Top of Uppermost Producing Zone 166 FNL 1144 FEL NENE 34 8.0 S 17.0 E S 127 FSI 1481 FFI SWSF S At Total Depth 27 8 0 S 17 0 F 21. COUNTY 22. DISTANCE TO NEAREST LEASE LINE (Feet) 23. NUMBER OF ACRES IN DRILLING UNIT DUCHESNE 25. DISTANCE TO NEAREST WELL IN SAME POOL 26. PROPOSED DEPTH (Applied For Drilling or Completed) MD: 6460 TVD: 6370 684 27. ELEVATION - GROUND LEVEL 28. BOND NUMBER 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 5063 WYB000493 437478 Hole, Casing, and Cement Information Hole Size Casing Size Grade & Thread Max Mud Wt. String Length Weight Cement Sacks Yield Weight SURF 12.25 8.625 0 - 300 24.0 J-55 ST&C 8.3 Class G 138 1.17 15.8 PROD 7.875 5.5 0 - 6460 15.5 J-55 LT&C 8.3 Premium Lite High Strength 308 3.26 11.0 50/50 Poz 363 1.24 14.3 **ATTACHMENTS** VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) TOPOGRAPHICAL MAP NAME Heather Calder TITLE Production Technician PHONE 435 646-4936 SIGNATURE **DATE** 10/17/2013 EMAIL hcalder@newfield.com API NUMBER ASSIGNED APPROVAL 43013525690000 Permit Manager

## T8S, R17E, S.L.B.&M.

#### Bottom S89°11'58"W of Hole 2643.65' (Meas.) S89°09'07"W - 2644.55' (Meas.) 1910 NSO. 40. W Brass Cap Center of Brass Cap Brass Cap Pattern 714 WELL LOCATION: V-27-8-17 Top. ELEV. EXIST. GRADED GROUND = 5063' of Hole 2619. 1910 Brass Cap 1910 Brass Cap 2640.52" VOO"52"10"W 1910 1910 Brass Cap 1910 Brass Cap Brass Cap N88°17'42"E - 2637.22" N89°01'56"E - 2641.93' (Meas.)

## 

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (CENTER OF PATTERN)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°04'53.88"	LATITUDE = 40°04'48.91"
LONGITUDE = 109°59'16.40"	LONGITUDE = 109°59'08.74"
NAD 27 (CENTER OF PATTERN)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°04'54.01"	LATITUDE = 40°04'49.05"
LONGITUDE = 109°59'13.86"	LONGITUDE = 109°59'06.20"

### NEWFIELD EXPLORATION COMPANY

WELL LOCATION, V-27-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 34, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



#### NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.
- 3. The Center of Pattern footages are 15' FNL & 1311' FEL.

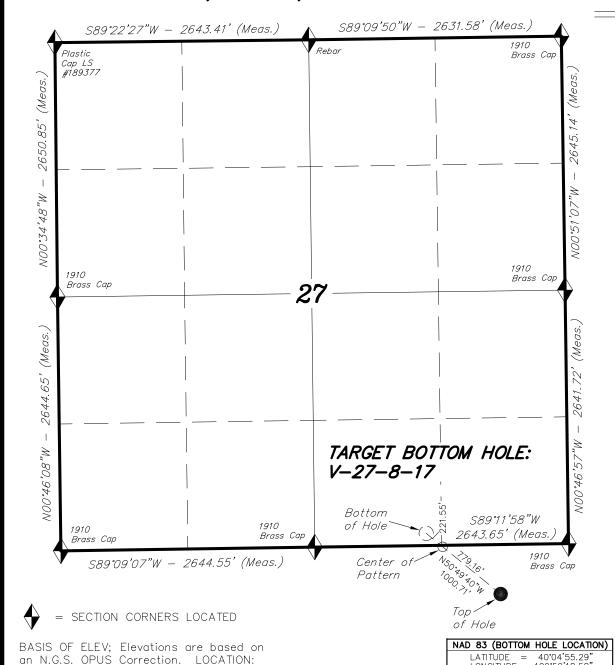


#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

DATE SURVEYED: 05-31-13	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 08-07-13	DRAWN BY: L.K.	\ /1
REVISED:	SCALE: 1" = 1000'	V I

# T8S, R17E, S.L.B.&M.



LAT. 40°04'09.56" LONG. 110°00'43.28"

(Tristate Aluminum Cap) Elev. 5281.57'

### NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, V-27-8-17, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 27, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



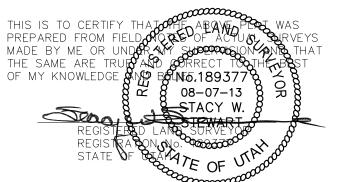
#### NOTES:

 $LONGITUDE = 109^{\circ}59'18.58'$ 

NAD 27 (BOTTOM HOLE LOCATION)

LATITUDE =  $40^{\circ}04'55.42''$ 

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.
- 3. The Bottom of Hole footages are 127' FSL 1481' FEL.



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